

EXHIBIT "B" - PENDING CLAIMS

1 1. (Twice Amended) A mobile LAN for a first number of hosts, comprising:
2 a router connected to said first number of hosts;
3 a mobile station connected to said router said mobile station adapted to wirelessly
4 communicate to an external network;
5 at least one host in the first number of hosts being capable of generating packet
6 data suitable for transmission within said mobile LAN;
7 memory connected to said router for storing one or more globally defined
8 addresses of the kind utilized in communicating data from any of said first number of hosts to at
9 least one host connected in said external network; and
10 an address translator connected to said memory and said router for translating said
11 packet data generated by said at least one host in the first number of hosts into packet data
12 suitable for transport to said at least one host in said external network, said translated packet data
13 including one of said globally defined addresses stored in said memory.

1 2. (Twice Amended) A mobile LAN as claimed in claim 1, wherein:
2 said address translator, after receiving data received via said mobile station,
3 changes a destination address field of data packets originated externally to said LAN and
4 intended for a first of said first number of hosts from a globally defined address into a locally
5 defined address that identifies said first of said first number of hosts.

1 3. (Amended) A mobile LAN as claimed in claim 1 wherein:

2 said packet data generated by said at least one host in the first number of hosts
3 includes a locally defined source address field; and
4 said address translator changes said locally defined source address field of said
5 data packets generated by said at least one host in the first number of hosts into said globally
6 defined address.

1 4. (Amended) A mobile LAN as claimed in claim 1, wherein:

2 said router, said memory and said address translator are disposed in said mobile
3 station.

1 5. (Amended) A mobile LAN as claimed in claim 1, wherein:

2 the number of said one or more globally defined addresses stored in said memory
3 is one.

1 6. (Twice Amended) A method of communicating packet data between a first host among
2 a first number of interconnected hosts and a second host in an external network utilizing globally
3 defined addresses, said packet data being routed and radio transmitted to said external network,
4 said method comprising the steps of:

5 (a) utilizing a locally defined address in said packet data to be communicated by
6 said first host;

7 (b) storing, in a router associated with said first number of interconnected hosts,
8 one or more globally defined addresses of the kind utilized in communicating said packet data
9 between said interconnected hosts and said second host in the external network, and

10 (c) translating the locally defined address in said packet data communicated by
11 the first host into one of the said globally defined addresses stored in step b).

1 11. (Amended) The mobile LAN of claim 1, wherein:

2 a plurality of said globally defined addresses are stored in a memory closely
3 associated with said router, said address translator translating said packet data generated by said
4 at least one host in the first number of hosts, prior to a wireless communication with said external
5 network, to include a first globally defined address stored in said memory so long as successive
6 communications between said at least one host in the first number of hosts and said at least one
7 host in the external network occur within a predetermined period of time from each other.

1 13. (Amended) The mobile LAN of claim 1, wherein:

2 said router directs said translated packet data towards a wireless interface between
3 said mobile LAN and said external network, and then to at least one host in the external network.

1 14. (Amended) The method of claim 6, further including the step of:

2 routing said packet data having said globally defined address to said second host
3 via a wireless network.

1 15. The method of claim 6, further comprising the steps of:

2 receiving packet data from said second host, said packet data including a globally
3 defined destination address identifying the first host;

4 translating said globally defined destination address in said packet data from said
5 second host into a locally defined destination address that identifies the first host; and
6 routing to the first host said packet data from said second host having said locally
7 defined destination address.

1 16. The method of claim 6, wherein:
2 said step of storing stores one globally defined address.

1 17. The method of claim 6, further comprising the step of:
2 sending said packet data having said globally defined address to said second host
3 from a mobile station; and
4 said step of storing stores said one or more globally defined addresses in the
5 mobile station.

1 18. The method of claim 6, wherein:
2 said locally defined address in said packet data communicated by the first host is
3 translated into a second one of said globally defined addresses upon successive communications
4 of packet data between the first host and the second host occurring a period of time apart
5 exceeding a predetermined period of time.

1 19. A method of communicating packet data between a first host connected in a local
2 area network (LAN) and a second host connected in an external network, said method
3 comprising the steps of:

4 generating packet data by said first host, said packet data including a locally
5 defined address identifying said first host;
6 storing one or more global addresses of the kind appearing in said packet data for
7 communicating between said first host and said second host;
8 translating said locally defined address appearing in said packet data generated by
9 said first host into one of the stored global addresses; and
10 routing said packet data having said translated global address therein towards said
11 second host.

1 20. The method of claim 19, wherein said step of translating comprises the steps of:

2 assigning a first stored global address to said first host and replacing said locally
3 defined address in said packet data generated by said first host with said first stored global
4 address so long as successive communications of packet data between said first host and said
5 second host occur within a predetermined period time of each other.

1 21. The method of claim 20, wherein said step of translating further comprises the
2 steps of:

3 assigning a second stored global address to said first host following said step of
4 assigning a first stored global address and upon an affirmative determination that a period of
5 time occurring between successive communications of packet data between said first host and
6 said second host exceeds said predetermined period of time, and replacing said locally defined
7 address in said packet data generated by said first host with said second stored global address.

1 22. The method of claim 19, further comprising the steps of:
2 receiving packet data transmitted by said second host towards said first host;
3 changing a destination address appearing in said packet data transmitted by said
4 second host from a globally defined address into a locally defined address identifying said first
5 host; and
6 forwarding said packet data having the changed destination address to said first
7 host.

1 23. (Amended) The method of claim 19, wherein:
2 said step of routing comprises the step of transmitting said packet data having said
3 translated global address therein from a mobile station; and
4 said step of storing comprises the step of storing said one or more global
5 addresses in said router means.

1 24. The method of claim 19, wherein:
2 said step of storing stores one global address.